| In | dex of | Claims |  |
|----|--------|--------|--|
|    |        |        |  |

Rejected

Allowed

| Application No. | Applicant(s)  |
|-----------------|---------------|
| 09/878,107      | SHIRAI, KOUJI |
| Examiner        | Art Unit      |

MINH D DAO

- (Through numeral)
Cancelled
+ Restricted

Non-Elected
I Interference

A Appeal
O Objected

2682

| Cla      | aim      |           |              |           |              |          |          |                | Cla            | Date       |       |          |          |              |              |  | С        | laim     |             | Date     |          |            |          |          |          |          |              |              |                  |                    |              |                         |                |
|----------|----------|-----------|--------------|-----------|--------------|----------|----------|----------------|----------------|------------|-------|----------|----------|--------------|--------------|--|----------|----------|-------------|----------|----------|------------|----------|----------|----------|----------|--------------|--------------|------------------|--------------------|--------------|-------------------------|----------------|
|          | 707      | 69        | -            | 1         |              |          |          |                |                |            |       |          | ā        |              |              |  |          |          | }           |          |          | ļ          | =        | la l     |          |          |              |              | -                |                    | 1            |                         | Ì              |
| Final    | Original | 12        | <b> </b>     |           |              |          |          |                |                |            |       | Final    | Original |              | 1            |  | -        |          |             |          |          |            | Final    | Original |          |          |              |              |                  | -                  | $\cdot$      |                         |                |
| Œ        | Ö        | Erf       |              |           |              |          |          |                |                |            |       | ш        | ō        | .            | ļ.           |  |          | ľ        |             |          | ł        |            | ш        | ļŏ       |          |          |              |              | ļ                |                    | Ì            |                         | - 1            |
| ļ        |          |           |              | -         |              |          |          |                |                |            |       |          | 51       | $\vdash$     | -            | +  | -        | +        | $\dashv$    | +-       | +        | \<br> <br> |          | 101      | +        | ├        | $\vdash$     |              |                  | $\dashv$           | 一            | $\dashv$                | ᅱ              |
| <u> </u> |          |           | _            |           |              |          | $\vdash$ |                |                |            |       |          | 52       |              | $\dashv$     | -  |          | $\dashv$ | +           | -        |          | 1          |          | 102      |          |          | 1            |              | ᅥ                |                    |              | $\dashv$                | $\neg$         |
|          | 3        | ~         |              |           |              | -        |          | $\dashv$       | -              | -          |       |          | 53       | $\vdash$     |              | $\dashv$   | -        | $\dashv$ | _           | +        | +-       |            |          | 103      |          |          |              | П            | $\neg$           |                    |              | $\neg$                  |                |
|          | 4        | ,         |              |           |              | Н        | $\vdash$ | $\dashv$       |                |            |       | $\vdash$ | 54       | $\vdash$     |              | +  | 1        | +        | 寸           | _        | +        | 1          |          | 104      |          |          | <b>—</b>     |              |                  |                    |              | $\neg$                  |                |
|          | 5        | 1         | -            | -         |              | Н        |          |                |                |            | 1     |          | 55       |              | t            | _  |          | $\dashv$ | _           |          | 1        |            |          | 105      | 1        |          |              |              |                  |                    |              |                         |                |
| <b></b>  | 6        | Н         | ╁╌           |           | <del> </del> |          |          | $\vdash$       | $\vdash$       |            |       |          | 56       | Н            |              | $\dashv$   |          |          | T           |          |          |            |          | 106      |          | T-       | Т            |              |                  |                    |              |                         |                |
|          | 7        | H         | $\vdash$     |           |              |          |          | $\Box$         |                |            | 1     |          | 57       |              |              |  |          | 一        | _           |          |          |            |          | 107      |          |          |              |              |                  |                    |              |                         |                |
|          | 8        | H         | T            |           |              | Ħ        |          | П              |                |            |       |          | 58       |              |              |  |          |          |             |          |          |            |          | 108      |          |          |              |              |                  |                    |              |                         |                |
| -        | 9        | Ħ         |              |           |              |          |          |                |                |            | 1     |          | 59       |              |              |  |          |          |             |          |          |            |          | 109      | 4        | <u> </u> |              |              |                  |                    |              |                         |                |
|          | 10       |           |              |           |              |          |          |                |                |            |       |          | 60       |              |              |  |          |          |             |          | <u> </u> | ļ          |          | 110      |          | <u> </u> |              |              |                  |                    |              |                         |                |
|          | 11       | П         |              |           |              |          |          |                |                |            |       |          | 61       |              |              |  |          |          |             |          | _ _      | ļ          |          | 111      |          | $\perp$  | ļ            |              |                  |                    |              | <sup> </sup>            | $\square$      |
|          | 12       | 7         | L            |           |              |          |          |                |                |            | 1     |          | 62       | <u>L</u>     |              |  |          |          | _           | <u> </u> | $\perp$  | 4          | <u> </u> | 112      |          | -        | $\vdash$     | _            |                  |                    |              | <u> </u>                | $\vdash$       |
|          | 13       |           |              |           |              | <u> </u> | _        |                | L              | L          |       |          | 63       | _            |              |  |          |          |             | _ -      | $\bot$   | 4          |          | 113      |          | +        | -            | ļ            |                  |                    |              | <u> </u>                | $\vdash\vdash$ |
|          | 14       |           |              |           | <u></u>      | <u> </u> |          | Ш              | _              | _          | 4     |          | 64       | ļ            | Ш            |  |          | Ш        | _           | _ _      | -        | 4          |          | 114      |          | $\vdash$ | +            | ├            |                  |                    | Н            |                         | $\vdash$       |
|          | 15       | Ŀ         | _            | _         | ┖            |          | ļ        |                | _              |            | ļ:::: |          | 65       | <u> </u>     |              | _  |          | $\sqcup$ | $\dashv$    | +        |          | -          | ļ. —     | 115      |          | ╁        | -            | ⊢            |                  |                    |              | $\vdash$                | Н              |
| <u> </u> | 16       | L         |              | _         | ļ            | ļ        | <u> </u> | <u> </u>       | <u> </u>       | ļ          | 1     | <u> </u> | 66       | ┡            |              |  |          |          | <b>-</b> -⊦ | -        |          | -          |          | 117      |          | ╁        | ╁            | ┢╴           |                  | _                  | -            | H                       | $\vdash$       |
|          | 17       | 1_        | <u> </u>     | <u>_</u>  | <u> </u>     | ļ.,      | <u> </u> | $\vdash$       |                | <u> </u>   | -     | ļ        | 67       |              |              | _  |          | $\vdash$ |             |          | -        | -          |          | 118      |          | ╂        |              | ├            |                  |                    |              | <del> </del>            | $\vdash$       |
| <u> </u> | 18       | ↓         |              | <u> </u>  | ļ            | ļ        | ┡-       | <del> </del> - | -              | ⊢          | 1     | <u> </u> | 68<br>69 | -            |              |  |          | -        | +           | +        | +        |            | $\vdash$ | 119      |          | ┼        | +            |              |                  | -                  |              | $\vdash$                | $\vdash$       |
| -        | 19       | ┞         | $\vdash$     |           | ├-           | ╄        | -        |                |                | <u> </u>   | -     |          | 70       | <del> </del> |              | -  |          | H        | -           | -+       | +        | -          |          | 120      | -        | ╁        | ╁            | H            |                  |                    |              | H                       |                |
|          | 20       | $\vdash$  | -            | <u> </u>  |              | <b>-</b> | -        | -              | <del> </del> — |            | -     | -        | 71       | <del> </del> | $\vdash$     |  | -        | $\vdash$ | -           |          | +        | -          | $\vdash$ | 12       |          | +-       | +            | <del> </del> | -                |                    |              | <u> </u>                | Н              |
| -        | 21       | +-        | -            | ├         |              | ╁        | ╁        | ┼              |                | ┝          | -     |          | 72       | ╁            | -            | -  |          |          | $\dashv$    |          |          | 1          | _        | 122      |          | t        | <del> </del> | 1.           | $\vdash$         |                    | 1            | Г                       | Г              |
| -        | 23       | $\vdash$  | -            | -         | +            | +        | -        | -              |                |            | 1     |          | 73       | 1            | $\vdash$     |  |          | H        |             |          | $\top$   | 1          | $\vdash$ | 12:      |          | 1        | Ť            | 1            |                  |                    |              |                         |                |
|          | 24       | ╁         | ┿            | H         | ╁            |          | ╁        | $\vdash$       | -              | $\vdash$   | 1     | -        | 74       | ╁┈           | H            |  |          | $\vdash$ | $\neg$      | $\neg$   | _        | 1          |          | 124      |          | T        | 1            |              |                  |                    |              |                         |                |
| -        | 25       | -         | +            | $\vdash$  | t            | ╁┈       | $\vdash$ | 1-             |                | ┢          | 1     |          | 75       |              | Ī            |  |          |          | T           | $\top$   |          | 7          |          | 12       | 5        |          |              |              |                  |                    |              |                         |                |
| -        | 26       | +         | $\dagger$    | +         | t            | $\vdash$ | -        |                |                |            | 1     |          | 76       | 1            |              |  |          |          |             |          |          | 1          |          | 120      |          | Г        |              | $\mathbb{L}$ |                  |                    |              |                         |                |
| -        | 27       | +         | $\dagger$    | 1         | T            |          |          |                |                |            | 1     |          | 77       |              |              |  |          |          |             |          |          | ]          |          | 12       |          |          |              | L            |                  | L                  | <u> </u>     | Ļ                       | ļ              |
|          | 28       | T         | $\vdash$     |           | T            | ļ        | 1        | 1              | Т              |            |       |          | 78       |              |              |  |          |          |             |          |          |            |          | 12       | 3        | _        | L            | L.           | L                | <u> </u>           | _            | ot                      | <u> </u>       |
|          | 29       | T         | Ť            | T         | 1            |          |          |                |                |            |       |          | 79       |              | <u>L</u> .   |  | L.       |          |             |          |          | _          | <u></u>  | 12       |          | $\perp$  | 4_           | <u> </u>     | ļ                | _                  | ļ            | <u> </u>                | ╙              |
|          | 30       |           |              |           |              |          |          |                |                | L          | ]     |          | 80       |              |              |  |          |          |             |          |          | 4::::      | L        | 13       | <u> </u> | ┦        | _            | ↓_           | <u> </u>         | <u> </u>           | <u> </u>     | ـــــ                   | ↓_             |
|          | 31       |           |              |           | _            |          |          |                | <u> </u>       | <u> </u> _ | _     |          | 81       | 1            | <u> </u>     | <u> </u>   | L        |          | _           |          |          | 4          | <u></u>  | 13       | Ц_       | +        |              |              | <u> </u>         | -                  | 1            | ╄                       | ⊬              |
|          | 32       | Ľ         | ↓_           | L         | $\perp$      | 1_       | ļ        |                | <u> </u>       | ┺          | 4     |          | 82       | ļ            |              |  |          |          |             | -        |          | -          | -        | 13       |          | +        | +-           | ┼            | <del> </del>     | <del> </del>       | ļ            | $\vdash$                | ⊬              |
| ļ        | 33       | $\perp$   | $\perp$      | 1_        | 1            | ╄        |          | -              | 1              | ↓_         | 4     | <b></b>  | 83       | 1            |              | -  |          |          |             | _        |          | 4          | $\vdash$ | 13       |          | +-       | +            | +-           | ╁                | $\vdash$           | -            | ╀                       | ┼              |
| <u> </u> | 34       | $\perp$   | <del> </del> | ╄-        | ╀            | 4-       | <b>-</b> | +              | -              | $\vdash$   | -     | -        | 84       | +-           | $\vdash$     | <del> </del>                                     | -        | $\vdash$ | $\vdash$    | $\dashv$ | +        | -          | -        | 13<br>13 |          | +        | +            | +            | +                | ╁                  | $\vdash$     | +                       | +              |
| L        | 35       | +         | +            | +         | $\perp$      | +        | +        | +              | +              | +          | -     | -        | 85<br>86 | +-           | +            | <del> </del>                                     | $\vdash$ | $\vdash$ |             | $\dashv$ | +        | -          | -        | 13       |          | +        | +-           | +            | 1-               | $\dagger$          | $\vdash$     | +-                      | +              |
| <u> </u> | 36       | +         | +-           | ╁         | +            | +-       | +        | +              | +-             | ╁          | -     | -        | 87       | +            | $\vdash$     | ⊢  | ├        | +        |             | +        | +        | -          | $\vdash$ | 13       | 7        | +        | +            | +-           | T                | 1                  | <del> </del> | T                       | $\top$         |
|          | 37<br>38 | +         | +-           | ╁╌        | +            | +        | +        | +              | +-             | +          | 1     |          | 88       | +            | +            | $\vdash$   | $\vdash$ | +-       |             | +        | +        | 1          | -        | 13       |          | +        |              | T            |                  | T                  | T            | T                       | $\top$         |
|          | 39       | +         | +            | +-        | +            | +        | +-       | +              | ╁              | +-         | -     | -        | 89       | +            | 1            | +-   |          |          | H           | $\dashv$ | +        | 1          |          | 13       |          | +-       | $\top$       | T            | T                | T                  | 1            | $\top$                  | $\top$         |
| -        | 40       | +-        | +            | +         | +-           | +        | +        | +-             | +              | +-         | ┨     | -        | 90       | +-           | 1            | -  | T        |          | Н           | $\dashv$ | +        | 111        | -        | 14       |          | T        | $\top$       | $\top$       | o                | T                  | T            | 1                       | $\top$         |
|          | 41       | +-        | +            | +         | ╁            | +-       | +        | +-             | $\dagger$      | +-         | 1     | -        | 91       | +            | †-           | <del>                                     </del> | T        | $\top$   |             | $\dashv$ | $\top$   | 18         |          | 14       |          | 1        | T            |              | $\mathbf{I}^{-}$ | T                  | T            |                         |                |
| -        | 42       | +         | +            | +         | +            | +        | 十        | +-             | +              | +-         | 1     | 1        | 92       | $\top$       | †            | 1  | t        | T        |             | $\dashv$ | $\top$   | 7:::       | Т        | 14       | 2        | T        |              | I            |                  | $\Gamma$           |              | Ι                       | L              |
| _        | 43       | $\dagger$ | +            | $\dagger$ | +            | $\top$   | $\top$   | ╁              | T              | T          | 7     |          | 93       | 1            |              | $\vdash$   | Γ        | $\top$   |             | $\top$   | _        | 7          |          | 14       | 3        | T        |              | $\prod$      | $\Box$           |                    |              | $oldsymbol{\mathbb{L}}$ |                |
|          | 44       | +         | ╅┈           | T         | $\top$       | +        | $\top$   | $\top$         | 1              | T          | 7     |          | 94       | Т            | T            |  |          |          |             |          |          |            |          | 14       | 4        |          |              |              |                  |                    |              |                         |                |
|          | 45       | T         | $\top$       | 1         | +            | 1        | 1        | T              | T              | T          | 7     |          | 95       |              | I            |  |          | Ι_       |             |          |          |            | Œ        | 14       | 5        |          |              | L            | $\perp$          | L                  |              | L                       |                |
|          | 46       | T         | 1            | $\top$    | 1            | †        | $\top$   | 1              | 1              | 1          |       |          | 96       |              |              | Γ  |          |          |             |          | m I      | ]          |          | 14       | 6        | $\perp$  |              | L            | $\perp$          | $oldsymbol{\perp}$ |              | 1                       | $\perp$        |
|          | 47       |           |              |           |              |          |          |                |                |            |       |          | 97       | Т            |              |  |          |          |             |          |          |            | L        | 14       |          | 1        |              | 1            | ╄-               | 1_                 |              | $\perp$                 | $\perp$        |
|          | 48       | Т         |              | I         |              |          |          |                |                |            |       |          | 98       |              | $oxed{\Box}$ |  | L        | $\perp$  | <u> </u>    |          | $\perp$  | 4          | _        | 14       | 8        | 4-       | $\bot$       | +            | +-               | $\bot$             | 4            | $\perp$                 | 4_             |
|          | 49       |           |              |           | I            |          |          | $\bot$         |                | L          | _     | L        | 99       | $\perp$      | 1            | <u> </u>   | L        | 1        |             | Ц        |          | _          | <u></u>  | 14       | 9        | $\perp$  | 4-           | +-           | +                | $\bot$             | 1            | +                       | +              |
|          | 50       | $\perp$   |              |           |              |          |          | 丄              |                |            |       | <u> </u> | 100      | 1            | Т.           |  |          |          | <u> </u>    | $\Box$   |          |            | L        | 15       | υ        | 丄        |              |              |                  |                    | $\perp$      |                         | $\perp$        |